

HYDROMETEOROLOGICAL SERVICE

MINISTRY OF AGRICULTURE

WEATHER BRIEF for Thursday, January 06, 2022 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs Thursday, January 06, 2022, were available for most of the stations. **The highest rainfall recorded was 5.6 mm at Springland Forestry in Region 6.**

Synopsis: Continuation of very strong presence of SAL along with shearing at mid-upper levels over the forecast area produce mostly stable atmospheric conditions. However, high moisture with passage of trough at 850hPa with trade winds transporting plumes of moisture produce some instabilities (mainly stratify precip) across most of northern Guyana.

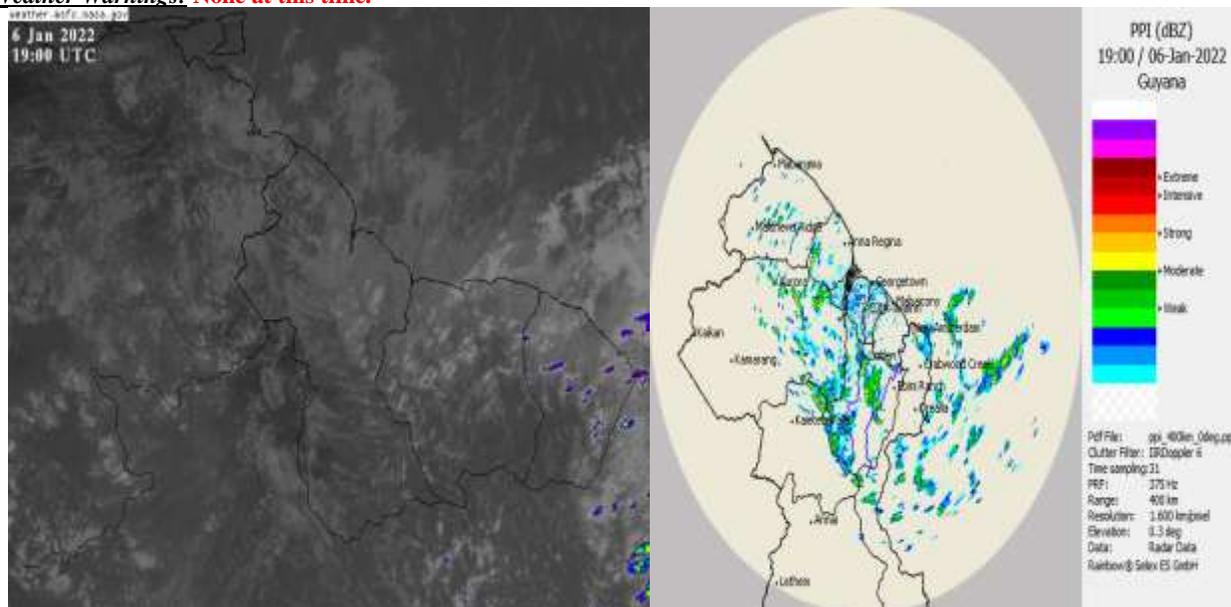
Today's weather review: Regions 1 to northern 6, western parts of region 7 and region 10 observed partly cloudy to cloudy skies with occasional showers and light rain. Conditions improved over coastal regions during the afternoon. All other areas observed partly cloudy skies with brief showers.

Table # 1 Weather forecast for the next Twenty-four hours.

Thursday January 06, 2022 (19:00 hrs. – 07:00 hrs.)			Friday January 07, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
All Regions	 Rainfall between: 0 to 10 mm.	Inland regions 6 to 10 can expect partly cloudy to cloudy skies with scattered light to moderate showers during early evening, conditions likely to improve afterwards. Remaining areas can expect partly cloudy skies becoming cloudy in the morning hours with scattered light to moderate showers.	Regions 1 to 6N, & 10	 Rainfall between: 5 to 20 mm	Cloudy spells with occasional showers and possible light rain are likely over regions 1 to 6N and 10 during the morning hours, these conditions are expected to improve by afternoon over coastal regions. All other regions can expect partly cloudy skies with scattered afternoon showers.
		<u>Winds:</u> Northeasterly to Easterly between 7 to 10 m/s, becoming calm at times. <u>Minimum temperatures:</u> Coast: 21 °C – 25°C Hinterland: 19 °C – 23 °C	All other areas.	 Rainfall between: 0 to 10 mm	<u>Winds:</u> Northeasterly to Easterly between 7 to 10 m/s, Gusting at times. <u>Maximum temperatures:</u> Coast: 28 °C – 32°C Hinterland: 29 °C – 33 °C

The long-term daily average rainfall for Georgetown, for the next 10 days, January 06, 2021 to January 15, 2022 is 7.9 mm per day.

Severe Weather Warnings: None at this time.



Infra-red Satellite and Radar images valid 19:00 UTC (15:00hrs) Thursday January 06, 2021.

Our Mission: To Observe, archive and understand Guyana's weather, and Climate and provide meteorological, hydrological and oceanographic service in support of Guyana's national needs and international obligation.

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Table # 2 Occurrences of high and low tides for the next 24 hours and the times for sunrise and sunset.

Tonight (January 06, 2021)	Tomorrow Morning (January 07, 2021)		Tomorrow Afternoon (January 07, 2021)
High Tide 19:02hrs Tide Height 2.95m	<p><i>Low Tide 01:12hrs Tide Height 0.56m</i></p> <p><i>High Tide 07:27hrs Tide Height 2.72m</i></p>		<p><i>Low Tide 13:34hrs Tide Height 0.96m</i></p>
<i>Sunrise:</i>	<i>06:05 hrs.</i>	<i>Sunset:</i>	<i>17:50 hrs.</i>

HIGH TIDE ADVISORY: Citizens are advised that above normal high tide advisory is in effect.

Sea conditions: MODERATE TO ROUGH SEAS WITH NORTHEASTERLY WAVES REACHING HEIGHTS OF 2.5 TO 3.0 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF BETWEEN 8 AND 13 SECONDS. WINDS ARE EXPECTED TO BE NORTHEASTERLY TO EASTERLY BETWEEN 8 TO 10 M/S.

Special Advisory: Possible over-topping of river and sea defence due to above normal tides. Persons in low lying and riverine areas are asked to take the necessary precautions against possible flooding.

Extended Forecast

Saturday thru' Wednesday: Mainly fair and hazy skies are likely across coastal regions with passing showers during the morning hours. All other regions can expect partly cloudy and sunny skies interrupted by cloudy spells during the afternoon with scattered light to moderate showers. **Rainfall is anticipated between 0 to 5 mm over coastal regions, all other regions between 0 to 10 mm within a 24 hours' period.**

For the Current Regional climate forecast please see the latest Seasonal Climate Outlook which is available on Hydrometeorological Service's website: <https://drive.google.com/file/d/1bkQ4CJ6QT2-jHX5FpZW1geKHzBSHFm-a/view>

Update in the bulletin is provided daily by the Hydromet Service

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